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- (71) Applicant (*for all designated States except US*): **BIODY-
NAMICS** [BE/BE]; Joseph Plateaustraat 4, B-8400 Oost-
ende (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **MAES, Francis**
[BE/BE]; Ringlaan Noord 79, B-8420 De Haan (BE). **DE
KEUKELEIRE, Denis** [BE/BE]; Gontrode Heirweg 115,
B-9090 Melle (BE). **HEYERICK, Arne** [BE/BE]; Jules
Persynstraat 73, B-9050 Gentbrugge (BE).
- (74) Agents: **LUYS, Marie-José** et al.; Gevers & Vander
Haeghen, Holidaystraat 5, B-1831 Diegem (BE).
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(54) Title: PRODUCTION OF HOP EXTRACTS HAVING OESTROGENIC AND ANTIPROLIFERATIVE BIOACTIVITY

(57) Abstract: The present invention relates to a method for the production of a hop extract which is enriched in 8-prenylnaringenin with respect to 6-prenylnaringenin, which method comprises the steps of subjecting a hop product to (1) an isomerisation reaction in the presence of water as a solvent and in the presence of an amount of a base and (2) to at least one extraction. In that way a hop extract may be extracted which contains 6-prenylnaringenin and 8-prenylnaringenin in a ratio (8-prenylnaringenin x 100%)/(8-prenylnaringenin + 6-prenylnaringenin) of at least 50%. The extract preferably also contains xanthohumol, the weight ratio of xanthohumol to 8-prenylnaringenin being at least 10.

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